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AN 121:37554 HCA
TI Polyamide fibers resistant to discoloration by chlorine and their manufacture
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PA Toyo Boseki, Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
IC ICM D01F006-90
ICS D01F001-10; D01F006-60; D01F011-08; D06M013-152
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CC 40-2 (Textiles and Fibers)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06057530	A2	19940301	JP 1992-205488	19920731
AB	The title fibers are prepd. by melt spinning compns. comprising polyamides and mono- and/or polyhydroxybenzene compds. (A) with a specified structure or treating spun polyamide fibers with solns. contg. A to form fibers contg. 0.1-20% A. A compn. comprising nylon 6 and 5% bisphenol A was melt spun and drawn to give fibers resistant to discoloration by Cl. A knit comprising this fiber and spandex fibers was prepd., dyed, treated with a tannin fixing agent, and heat set at 160.degree. to give a knit with chlorine fastness rating (gray scale) 4-5.				
ST	polyamide fiber chlorine discoloration resistance; bisphenol A polyamide fiber chlorine resistance; biphenol polyamide fiber chlorine resistance; hydroxyphenyl sulfone polyamide fiber chlorine resistance; spandex polyamide blend chlorine discoloration resistance				
IT	Spandex fibers RL: USES (Uses) (blends with polyamide fibers, resistant to discoloration by chlorine)				
IT	Polyamide fibers, preparation RL: PREP (Preparation) (manuf. of, contg. bisphenol compds., resistant to discoloration by chlorine)				
IT	Discoloration prevention (of polyamide fibers, by bisphenol compds. for reaction with chlorine)				
IT	25038-54-4P, Nylon 6, preparation RL: PREP (Preparation) (fiber, contg. bisphenol compds., resistant to discoloration by chlorine)				
IT	80-05-7, uses 80-09-1, 4,4'-Dihydroxydiphenyl sulfone 92-88-6, [1,1'-Biphenyl]-4,4'-diol 620-92-8, 4,4'-Methylenebisphenol 27100-33-0, Bisphenol A homopolymer RL: USES (Uses) (polyamide fibers contg., for resistance to discoloration by chlorine)				
IT	7782-50-5, Chlorine, miscellaneous RL: MSC (Miscellaneous) (resistance to discoloration by, of polyamide fibers contg. bisphenol compds.)				